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Studies in Mathematical Physics, Volume 3

Huygens' Principle 1690-1990: Theory and Applications

Proceedings of an International Symposium,
The Hague/Scheveningen, The Netherlands, November 19-22, 1990

edited by **H. Blok, H.A. Ferwerda** *and* **H.K. Kuiken**

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Christiaan Huygens (1629-1695) wrote his famous treatise *"Traité de la Lumière"*, 300 years ago. Today, his wave principle continues to play an important role in the understanding of wave phenomena. This volume is based on the 1990 Symposium which commemorated the 300th anniversary of the publication of his treatise. Presented here are papers by leading researchers covering the wide range of topics to which the Principle applies. Subjects covered include the historical background, geometrical optics, ray and field theory, the mathematical analysis of wave propagation, quantum electronics and nonlinear optics.

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